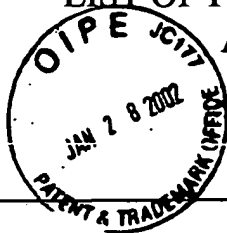


LIST OF PRIOR ART CITED BY
APPLICANT

(PTO-1449)

ATTY. DOCKET NO.
CI-0001APPLN. SERIAL NO.
09/925,619APPLICANT(S)
Wils n BURGESS, William N. DROHAN,
Martin J. MACPHEE, David M. MANN and Ewa
MADDOXFILING DATE
August 10, 2001GROUP
1744

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
MRC	RE. 23,195	02/1950	Arno Brasch	21	54	
MRC	2,832,689	04/1958	Bernard E. Proctor et al.	99	157	
MRC	2,920,969	01/1960	E.S. Stoddard	99	217	
MRC	2,962,380	11/1960	J.H. Wertheim	99	217	
MRC	3,620,944	11/1971	Keiko Tanito	204	3058	
MRC	3,743,480	07/1973	John D. Falk	21	2002	
MRC	3,779,706	12/1973	Nablo	21	1700	
MRC	4,136,094	01/1979	Condie	260	1220	
MRC	4,251,437	02/1981	Rasmussen et al.	260	112B	
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EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
MRC	2,056,619	10/1991	Canada				
MRC	0 310 316	04/1989	Europe				
MRC	0 334 679	09/1989	Europe				
MRC	WO 90/00907	02/1990	PCT Int'l.				
MRC	WO 91/16060	10/1991	PCT Int'l.				
MRC	WO 95/03071	02/1995	PCT Int'l.				

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MRC	AABB FDA Liaison Meeting, ABC Newsletter, December 12, 1997, pp. 14
MRC	Tikvah Alper et al., The Exceptionally Small Size of the Scrapie Agent, 1966, ppgs. 278-284, Biochemical and Biophysical Research Communications, Vol. 22, No. 3

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DATE CONSIDERED

01/20/05

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				APPLICANT(S) Wils n BURGESS, William N. DROHAN, Martin J. MACPHEE, David M. MANN and Ewa MADDOX			
				FILING DATE August 10, 2001		GROUP 1744	

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U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
MRL	4,370,264	01/1983	Kotitschke et al.	260	112 B	
MRL	4,409,105	10/1983	Hayashi et al.	210	679	
MRL	4,472,840	09/1984	Jefferies	3	1-9	
MRL	4,620,908	11/1986	Van Duzer	204	157-8	
MRL	4,784,850	11/1988	Abraham	424	87	
MRL	4,798,611	01/1989	Freeman, Jr.	623	3066	
MRL	4,933,145	06/1990	Uchida et al.	422	61 2002	
MRL	4,946,648	08/1990	Dichtelmüller et al.	422	24	
MRL	4,963,356	10/1990	Calenoff et al.	424	200 91	
MRL	5,000,951	03/1991	Bass et al.	424	89	
MRL	5,106,619	04/1992	Wieschahn et al.	424	84	
MRL	5,134,295	07/1992	Wälischmiller	250	455.11	
MRL	5,185,371	02/1993	Rubinstein	422	28	

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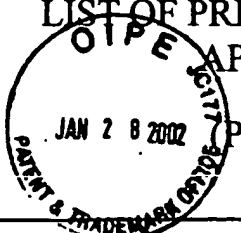
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EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No

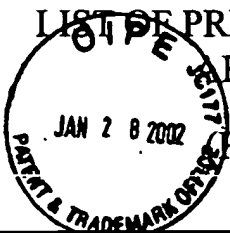
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	Tikvah Alper et al., Does the Agent of Scrapie Replicate Without Nucleic Acid? May 20, 1967, pps. 764-766, Nature, Vol. 214
MRL	Tikvah Alper et al., The Scrapie Agent: Evidence Against its Dependence For Replication on Intrinsic Nucleic Acid, 1978, pps. 503-516, J. gen. Virol., Vol. 41

EXAMINER <i>Morgan L. Chulip</i>	DATE CONSIDERED <i>01/20/05</i>
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LIST OF PRIOR ART CITED BY APPLICANT 				ATTY. DOCKET NO. CI-0001		APPLN. SERIAL NO. 09/925,619	
				APPLICANT(S) Wilson BURGESS, William N. DROHAN, Martin J. MACPHEE, David M. MANN and Ewa MADDOX			
				FILING DATE August 10, 2001		GROUP 1644	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE	
MRU	5,226,065	07/1993	Held et al.	378	64		
MRU	5,283,034	02/1994	Okrongly et al.	422	22		
MRU	5,362,442	11/1994	Kent	422	22		
MRU	5,418,130	05/1995	Platz et al.	435			
MRU	5,460,962	10/1995	Kemp	435	238		
MRU	5,510,122	04/1996	Sreebny et al.	424	0537		
MRU	5,548,066	08/1996	Leneau et al.	530	390-52		
MRU	5,603,894	02/1997	Aikus et al.	422	23		
MRU	5,609,864	03/1997	Shanbrom	424	78-08		
MRU	5,637,451	06/1997	Ben-Hur et al.	435	2		
MRU	5,712,086	01/1998	Horowitz et al.	435	2		
MRU	5,730,933	03/1998	Peterson	422	22		
MRU	5,817,528	10/1998	Böhm et al.	436	529		
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FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)							
MRU	Michael L. Baldwin et al., Irradiation of Blood Components, 1992, pps. 1-78, American Association of Blood Banks						
MRU	R.H. Bassin et al., Abrogation of Fv-1 Restriction With Murine Leukemia Viruses Inactivated by Heat or by Gamma Irradiation, May 1978, pps. 306-315, Journal of Virology, Vol. 26, No. 2						
MRU	Guy Beauregard et al., Temperature Dependence of the Radiation Inactivation of Proteins, 1985, pps. 117-120, Analytical Biochemistry, Vol. 150						
EXAMINER <i>Monique R. Chabry</i>				DATE CONSIDERED <i>01/20/05</i>			

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				FILING DATE August 10, 2001		GROUP 1744	
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<i>MRL</i>	5,837,313	11/1998	Ding et al.	427	2-21		
<i>MRL</i>	5,881,534	03/1999	Ahlqvist et al.	53	403		
<i>MRL</i>	5,981,163	11/2999	Horowitz et al.	435	11		
<i>MRL</i>	5,986,168	11/1999	Noishiki	623	11		
<i>MRL</i>	6,046,024	04/2000	Burton et al.	435	16		
<i>MRL</i>	6,049,025	04/2000	Stone et al.	623	16		
<i>MRL</i>	6,066,626	05/2000	Yew et al.	514	17		
<i>MRL</i>	6,087,141	07/2000	Margolis-Nunno et al.	435	17		
<i>MRL</i>	6,120,592	09/2000	Brault et al.	106	140-3		
<i>MRL</i>	6,159,490	12/2000	Deghenghi	424	426		
<i>MRL</i>	6,171,549	01/2001	Kent	422	22		
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						Yes	No
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<i>MRL</i>	David R. Brown et al., Antioxidant Activity Related to Copper Binding of Native Prion Protein, 2001, pps. 69-76, Journal of Neurochemistry, Vol. 76						
<i>MRL</i>	P. Brown, The Risk of Blood-Borne Creutzfeldt-Jakob Disease, 1999, pps. 53-59, Advances in Transfusion Safety Dev. Biol. Vol. 102						
<i>MRL</i>	P. Brown et al., Further Studies of Blood Infectivity in an Experimental Model of Transmissible Spongiform Encephalopathy, With an Explanation of Why Blood Components Do Not Transmit Creutzfeldt-Jakob Disease in Humans, November/December 1999, pps. 1169-1178, Transfusion, Vol. 39						
EXAMINER <i>Morgan R. Chabij</i>				DATE CONSIDERED <i>01/20/05</i>			

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				FILING DATE August 10, 2001		GROUP 1744	

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U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
MRL	6,187,572	02/2001	Platz et al.	435	173.3	
MRL	6,190,855	02/2001	Herman et al.	435	2	
MRL	6,197,207	03/2001	Chapman et al.	210	767	
MRL	6,214,534	04/2001	Horowitz et al.	435		
MRL	6,235,508	05/2001	Sowemimo-Coker et al.	435	173.1	

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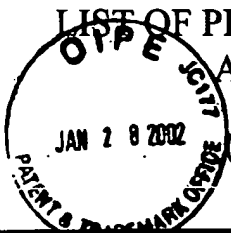
OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)	
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MRL	Derwent Publication AN - 111469

EXAMINER <i>M. M. ...</i>	DATE CONSIDERED <i>01/20/05</i>
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)							
<i>MRL</i>	Derwent Publication - AN 2159557						
<i>MRL</i>	Derwent Publication - AN 2526936						
<i>MRL</i>	P. Di Simplicio et al., The Reactivity of the SH Group of Bovine Serum Albumin With Free Radicals, 1991, pps. 253-262, Free Rad. Res. Comms., Vol. 14, No. 4						
<i>MRL</i>	Duane C. Eichler et al., Radiation Inactivation Analysis of Enzymes, July 15, 1987, pps. 9433-9436, The Journal of Biological Chemistry, Vol. 262, No. 20						
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<i>MRL</i>	Fields et al., Susceptibility of Scrapie Agent to Ionizing Radiation, April 5, 1969, pps. 90-91, Nature, Vol. 222						
<i>MRL</i>	D.A. Haig, Further Studies on the Inactivation of the Scrapie Agent by Ultraviolet Light, 1969, pps. 455-457, J. gen. Virol., Vol. 5						
<i>MRL</i>	H. Hiemstra et al., Inactivation of Human Immunodeficiency Virus by Gamma Radiation and its Effect on Plasma and Coagulation Factors, 1991, pps. 32-39, Transfusion, Vol. 31, No. 1						
EXAMINER	<i>Morgan R. Chabij</i>			DATE CONSIDERED <i>01/20/05</i>			

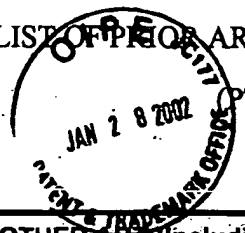
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<i>MRL</i>	J.D. Keathley et al., Is There Life After Irradiation? Part 2: Gamma-Irradiated FBS in Cell Culture, July/August 1993, pps. 46-52, BioPharm		
<i>MRL</i>	A.D. Kitchen, Effect of Gamma Irradiation on the Human Immunodeficiency Virus and Human Coagulation Proteins, 1989, pps. 223-229, Vox Sang, Vol. 56		
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<i>MRL</i>	Douglas C. Lee et al., A Direct Relationship Between the Partitioning of the Pathogenic Prion Protein and Transmissible Spongiform Encephalopathy Infectivity During the Purification of Plasma Proteins, April 2001, pps. 449-455, Transfusion, Vol. 41		
<i>MRL</i>	Susan F. Leitman, Use of Blood Cell Irradiation in the Prevention of Posttransfusion Graft-vs-Host Disease, 1989, pps. 219-232, Transfus. Sci., Vol. 10		
<i>MRL</i>	Linda Marton et al., Disinfection and Inactivation of the Human T. Lymphotropic Virus Type III/Lymphadenopathy-Associated Virus, August 1985, pps. 400-403, The Journal of Infectious Diseases, Vol. 151, No. 2		
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<i>MRL</i>	Pollard, The Effect of Ionizing Radiation on Viruses, pps. 65-71		
EXAMINER <i>Morgan R. Chelley</i>		DATE CONSIDERED <i>01/20/05</i>	

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MRL	Robert G. Rohwer, Virus-Like Sensitivity of the Scrapie Agent to heat Inactivation, February 10, 1984, pps. 600-602, Science, Vol. 223		
MRL	Robert Sullivan et al. Inactivation of Thirty Viruses by Gamma Radiation, July 1971, pps. 61-65, Applied Microbiology, Vol. 22, No. 1		
MRL	Boon-Seng Wong et al., Copper Refolding of Prion Protein, 2000, pps. 1217-124, Biochemical and Biophysical Research Communications, Vol. 276		
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MRL	D.E. Wyatt et al., Is There Life After Irradiation? Part I: Inactivation of Biological Contaminants, June 1993, pps 34-39, BioPharm		
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EXAMINER <i>Monica R. Chulif</i>		DATE CONSIDERED <i>01/20/05</i>	

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MRC	11-216147	08/1999	Japan (Abstract)			Yes	
MRC	1321420-A	07/1987	Soviet Union (Abstract)			Yes	
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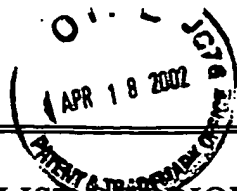
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ATTY. DOCKET NO.
CI-0001

APPLN. SERIAL NO.
09/925,619

APPLICANT
Wilson BURGESS et al.

FILING DATE
August 10, 2001

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1744

OTHER ART

*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
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MRC	E28	Wong, B. et al., Prion Disease: A Loss of Antioxidant Function? Biochemical and Biophysical Research Communications, 275:249-252 (2000) (Academic Press)
MRC	E29	(Abstract of EP0919198A2 and EP0919198A3 (Delphion-DERABS Abstract #G1999-304614))
MRC	E30	Website: www.wslfweb.org/docs/dstp2000.stopdf/19-MD.pdf , (Defense Science and Technology Plans, (February 2000) p.176, Section II, MD.03, U.S. Department of Defense Deputy Under Secretary of Defense (Science and Technology))
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Margaret Chabij

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APPLICANT
Wilson Burg ss t al.

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U.S. PATENT DOCUMENTS

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
<i>MRC</i>	A1	4,880,512	11/14/89	CORNELIUS et al.	204	157.61	10/14/88
<i>MRC</i>	A2	5,944,735	08/31/99	GREEN et al.	606	194	10/30/97
<i>MRC</i>	A3	5,691,132	11/25/97	WOLLOWITZ et al.	435	2	11/14/94
<i>MRC</i>	A4	5,559,250	09/24/96	COOK et al.	549	282	06/05/95
<i>MRC</i>	A5	4,994,237	02/19/91	LOGIN et al.	422	21	11/13/89
	A6						
	A7						
	A8						
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	A10						
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	A12						
	A13						

U.S. PATENT APPLICATION PUBLICATIONS

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U.S. PATENT APPLICATIONS

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							Yes	No
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	D2							
	D3							
	D4							
	D5							

OTHER ART

*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
<i>MRC</i>	E1	International Search Report dated January 17, 2003.
	E2	
	E3	

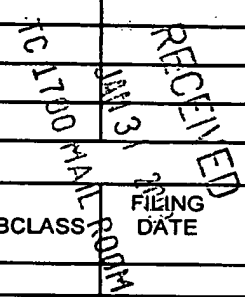
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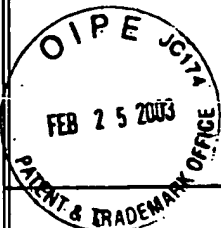
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Martin J. MacPHEE, David MANN and Ewa
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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
MRL	4,994,237	02/19/91	LOGIN et al.	422	21	11/13/89
MRL	6,383,732 B1	05/07/02	STONE	435	1.1	06/01/00
MRL	4,727,027	02/23/88	WIESEHAHN et al.	435	173	10/07/85

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Morgan R. Darling

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						Yes	No

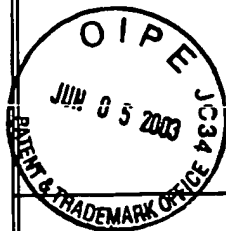
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MRL	Robert J. Woods, "Food Irradiation," Endeavor, New Series, Vol. 18, No. 3, 1994, pp. 104-108.
MRL	A. Dziedzic-Goclawska et al., "Sterilisation of Tissue Allografts," Advances in Tissue Banking, Vol. 1, pp. 261-321.
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EXAMINER	DATE CONSIDERED
<i>Morgan R. Chulij</i>	<i>01/20/05</i>

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U.S. PATENT DOCUMENTS

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MRL	6,312,931 B1	11/06/01	O'DWYER et al.	435	173.1	02/11/00
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MRL	US2002/0106394 A1	08/08/02	TUCKER et al.	424	423	09/18/01
MRL	US2002/0188319 A1	12/12/02	MORRIS et al.	606	213	06/10/02
MRL	US2003/0068815 A1	04/10/03	STONE et al.	435	325	05/17/02
MRL	US2001/0049141 A1	12/06/01	FIKE et al.	435	384	02/13/98

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	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
MRL	EP0808167 B1	06/05/02	EPO			✓	
MRL	EP0820301 B1	07/24/02	EPO			✓	
MRL	WO 00/28552	05/18/00	PCT			✓	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)

MRL	Robert J. Woods, "Food Irradiation," Endeavor, New Series, Vol. 18, No. 3, 1994, pp. 104-108.
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EXAMINER

DATE CONSIDERED

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- MRC Dziezic-Goclawska, A., Ostrowski, K., Stachowicz, W., Michalik, J., and Grzesik, W., "Effect of radiation sterilization on the osteoinductive properties and the rate of remodeling of bone implants preserved by lyophilization and deep-freezing," *Clinical Orthopaedics and Related Research*, Vol. 272, 1991, pp. 30-37.
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	<u>U.S. Patent</u>	<u>Date of Publication (Grant)</u>
MRC	5,362,442	November 8, 1994
MRC	2,832,689	April 29, 1958
MRC	2,962,380	November 29, 1960

Pursuant to 37 C.F.R. § 1.17(p) the fee of \$180.00 is enclosed herewith.

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